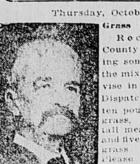
# WITH THE FARMERS DEATH RECORDS

By Prof. W. F. MASSEY



the grass alone. Still, if it is a credit of economy, the wheat will help artificial inoculation.

We used to grow clover wonderfully well before we knew anything about the bacteria, and most of the failures of the land. I always feel to grow clover where it termerly in the office of the State Board of Health to gather this data.

The first complete year under the new law ended on Wednesday, Clerks in the office of the State Health Description. We used to grow clover wonderfully well before we knew anything about the needs of the soil and the character of the land. I always feel that it is a sort of quackery to advise in regard to the use of tertilizers or land of which I am ignorant. Where wheat comes in after a heed crop that has had a manured sod turned under in the spring. I would simply use acid phosphate liberally. At any rate, I do het think that any land along the Buue Ridge foothils needs potash in a tertilizer if the humus content of the soil is maintained. On land that has not been treated with legumes it may be well to use a little potash till proper treatment has brought the abundant store of petash in all that soil inte use. Without any information in regard to the kind of land or its past treatment, I can only suggest what is a fair fertilizer for wheat and grass. Mix 1,100 pounds of 10 per cent acid phosphate, 500 pounds of murtate of potash to make a ton, and of this use not less than 300 pounds an above, and 400 pounds will be better.

You say that reguling in summer.

We used to grow clover wonderfully the bacteria, and most of the failures it formerly the bacteria, and most of the failures it formerly the bacteria, and most of the failures it formerly in the bacteria, and most of the failures it formerly the bacteria, and most of the failures it formerly the bacteria, and most of the failures it formerly in the bacteria, and most of the failures it formerly the bacteria, and most of the failures it formerly the bacteria, and most of the failures it formerly the bacteria, and most of the failures it formerly the bacteria, and most of the failures it formerly in the bacteria, and most of the failures it formerly in the bacteria, and most of the failures it formerly in the bacteria, and most of the failures it formerly in the bacteria, and most of the acid comes in the soil. Once, many years in the formerly in the failure and many years in the formerly in the bacteria, and most of the failures it formerly in the bacteria, and most of

set what is a fair fertilizer for wheat and grass. Mix Lies pounds of 15 per cut and phosphate, 500 pounds of cetting of the pounds of muriate of potash to make a ton, and of this use not less than 500 pounds and acre, and 400 pounds and more, and 400 pounds will be better.

Suckers on Trees.

The same of the summer of the same of the same

The Flower Garden in the Fall.

the full. Now is the time to get, these are not controlled by the secondarian of the service of the property body and the secondary of the sec

Thursday, October 2, 1913. the soil is well inoculated for clovers Grass With Grain, of other kinds. If your soil is acid, Rocking ham it will not pay you to spend money County: "I am sow- for inoculating cultures. But sweeten

> the mixture you ad- to go to almost any reasonable exvise in The Times- pense to get a stand of clover. You Dispatch - namely, can use an artificial culture on a small en pounds orchard area, and once get that well inocucrass, ten pounds lated and you can use the soil from all meadow fescue that area on other land. It is full late nd five pounds blue to sow now, and I would test the culrass per acre. less mon in a small area at least. Then

chether it will be the land where the crimson clover has Massey. well to sow wheat failed before may have become inocusame land, and what kind of lated from that sowing, and may now liker to use with wheat or withit?" You can sow the grass seed
it wheat, but I believe that you can
a better stand of grass from sowthe grass alone. Still, it it is a

inted from that sowing, and may now
grow the clover. I have known this to
occur. But, really, I believe far more
in keeping the land in the proper condition for clover to thrive than in any
town Island somebody kept a record of
births and deaths, but If so they have
been lost. Certainly since then no
definite effort has been made to secure
dition for clover to thrive than in any
the last session of the General Assem-

fowed for sowing alfalfa. Would you advise sowing Auchilla fertilizer one of tulps, he spring, he spring, plaited in a get these dred, they a few dolest the set of the spring. The spring of 11-4-8-4. I am told the dred, they are many the spring. I do not a few dolest the spring. I do not a few dolest the spring. I do not know exactly what you mean by Auchilla has 60 per cent lime. Land was in oats this spring." I do not know exactly what you mean by Auchilla fryou mean the Orchilla guano, thilla If you mean the Orchilla guano, as to certain diseases at the State

clover succeed, for the birteria sour die in an acid soil. But one thing is certain, and this is that it will never pay you not to get clover on your land. I do not know that your hand is acid, but most of our cultivated soil as apt to be so. In fact, the har fidning flat and relating prows up in oil field paines is certain to be acid. Therefore, in order to get clover to thrive on your land, it is necessary to see that it is in the feetly alkaline contition in which the bacteria that live on clover roots will thrive. Restore the sweetness of the soil by a dressing of lime, and it may not be necessary to incoulate at all. Where I live crimson clover is grown on every farm, and red clover, too, and, so far as I am aware, there has never been any inoculation done artificially. And I have noticed that wherever the little gray-headed rabbit foot clover grows,

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ing some land with the soil with lime, and it will pay you WILL MAKE GOOD SHOWING

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some of the pictures, now is your chance to get ALL the back pictures free with the Catalogue and Answer Book. The first seventy pictures can be had free with these two books—and in two days Picture No. 70 will appear!

The Times-Dispatch's Great \$1200.00 Gold Booklovers' Contest Picture No. 68 Date, October 2d



### What Book Does This Picture Represent? Write Title and Name of Author in Form Below

Your Name ..... Street and Number .....

TOTAL NUMBER OF PICTURES, 77. Contest began July 27th. Each day a different picture appears in this space. Cut them out. Save them until the last picture appears on October 11th. Don't send in partial lists. Wait until you have all the answers to the 77. Read Rules, Daily Story and Special Announcements in another part of this paper. It will help you win a prize. Extra pictures and coupons of any date that have appeared may be had at 2c. Enter to-day without registering your name. Merely Save Pictures and Coupons as they appear.

## CONTEST EDITOR'S

:::OFFICIAL:::

Booklovers' Catalogue

Above Life's Tumuh-James Allen.
Absent Minded Fairy, The-Margaret Vande-grift.
Abundant Harvest, An-Anna Johnson Abundant Harvest, An—Anna Johnson
Across the Continent—Samuel Bowles.
Across the Everglades—H. L. Willoughby.
Across the Gulf—Mrs. N. M. Vandervoort.
Across the Salt Seas—J. Bloundelle-Burion
Actions and Reactions—Ridyard Kipling.
Actiress, The—Mrs. L. C. Hale.
Adventures The—Edga
Admirable Tinker, The—Edga
Admirable Adventures of a Doll, The Mondon Adventures of a Skeleton Mondon Adventures of a Skeleton Mondon Adventures, The Caroline Signal Advector to a Daughter—Lord Research

Here is a portion of one of the pages of the Catalogue, showing how the titles are listed in alphabetical or-der. One of the catalogue certificates, redeemable for five free pictures, is shown also. The 77 titles which the 77 pictures represent are

This certificate will be accepted by this newspaper in its Contest now bring conducted in eachange for the PIVR PIC-TURES and COUPONS states above. REDEEMABLE ONLY AFTER THE ABOVE FIVE PICTURES AND COUPONS HAVE BEEN PUBLISHED IN OUR PAPER NOTE INSTRUCTIONS ON REVERSE SIDE

### USE THIS ORDER BLANK FOR CATALOGUE

Aerial Navigation of To-day-

If you cut this order form, fill it out and send or bring it in with the sum designated, you will receive the Official Copyrighted Contest Catalogue of about 5,000 book titles, and seven certificates redeemable for the first thirty-five pictures in the contest. In the catalogue are all the correct titles to the seventy-seven pictures. Catalogue, 35 cents at this office, 40 cents by mail.

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Booklovers' Contest Editor,

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Inclosed find 40 cents, for which send me a Booklovers' Contest Catalogue of about 5,000 book titles and the seven certificates redeemable for the first thirty-five pictures.

City......State......State.....

WHAT THE CONTEST IS

It consists of seventy-seven pictures, one published each day in this paper, and each picture representing the title of a book. You simply tell what book titles each picture represents, and when all seventy-seven have been published, send in your set of answers. You will find this an easy, simple game, and the rewards are large. And you get all the pictures published to date FREE with the Contest Catalogue and Answer Book. Start to-day. You can win.

Take Your Choice of These Two Ways to Submit Answers In An Answer On Single Pictures

You need only one copy of each picture, yet you may make 1, 2, 3, on which to submit each answer you 4, 5, 6, 7, 8, 9 or 10 anwsers to each make.

Book

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When you have bought the Answer Book and pasted in one copy of each of the seventy-seven pictures you can have no further expense, no matter how many answers you make.

You sign your name and address ONCE in an Answer Book. That signature does for the whole book.

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and Coupons You need one copy of each picture

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Picture No. 22, for instance, you will need ten copies of Picture No. 22.

If you make ten answers to each or 770 pictures in all. Every time you find an answer to

a picture you must get a picture on which to submit it. Pictures are sold at the regular price of the paper per copy. Figure up the cost of 770 pic-

dress on EACH COUPON, so that the pictures can be assembled again if they become scattered.

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"THE ANSWER BOOK PAGES ARE NUMBERED FROM 1 TO 77, INCLUSIVE, TO CORRESPOND WITH THE PICTURES. TEN OF THE ANSWER BOOK PAGES HAVE A CIRCLE PRINTED ON THEM. THE TEN STARRED TITLES IN THE CONTEST CATALOGUE ARE THE CORRECT TITLES TO THE PICTURES WHICH GO ON THE TEN CIRCLED PAGES OF THE ANSWER BOOK."

## The Answer Book Saves Time Labor and Money With It You Get 35 Pictures Free

WHAT THE ANSWER BOOK IS .- The Answer Book is a book of 77 double pages. It is shaped like a stenographer's note-book, and opens from the bottom like a note-book, not from the side like a story book. The top pages are numbered from 1 to 77, inclusive. Each of the bottom pages has ten blank spaces ruled off on it.

HOW TO USE THE ANSWER BOOK.—One copy of each of the 77 pictures is pasted by the contestant on the 77 top pages. On the bottom pages, beneath where each picture is pasted, the contestant writes down from one to ten answers. On the top section of Page 1, for instance, you paste Picture No. 1. On the bottom section you write down the answer or answers you wish to submit to the picture. And so on for all the 77

HOW TO GET THE ANSWER BOOK .- The Answer Book order form herewith explains how to secure the Answer Book

HOW TO USE THE ANSWER BOOK CERTIFICATES .- The six free

certificates, good for 35 free pictures (see order form herewith) are redeemable, free, for the Contest Pictures Nos. 36 to 70, inclusive. (Do not confuse these certificates with the Catalogue certificates, which are redeemable for pictures Nos. 1 to 35, inclusive) Each certificate has plainly printed on its face the pictures for which it is good, and NO certificate is redeemable until all the pictures for which it is good have been published. Certificate A is good for pictures from No. 36 to 41, inclusive,

Certificate B is good for pictures from No. 42 to 47, inclusive. Certificate C is good for pictures from No. 48 to 52, inclusive. Certificate D is good for pictures from No. 54 to 59, inclusive. Certificate E is good for pictures from No. 60 to 65, inclusive. Certificate F is good for pictures from No. 66 to 70, inclusive.

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Booklovers' Contest Editor.

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